ARM914

802.11g 2.4GHz Wireless Broadband Router with 4 Port Fast Ethernet Switch

DESCRIPTION

The ARM914 is an 802.11g Wireless Broadband Router with 4-ports Fast Ethernet Switch. It is design for small and medium size office, which not only allows LAN users access to Internet, but provides an additional feature to support 802.11g so the wireless users can access to Internet as LAN users. With a web-based UI, theARM914 is easy to setup and maintain. All functions can be configured with the exclusive, easy and friendly user interface via web browsers.

FEATURES

- **Data rate up to 54 Mbps**
- **Backwards compatible**
- **128-bit WEP encryption**
- **1 port 10/100 Mbps N-Way WAN**
- **4 ports 10/100Mbps N-Way LAN**
- **Web-Based management**
- **Remote management**
- **Supports PPPoE**
- **Support VPN**
- **Natural firewall (NAT)**
- **Auto detects & configures ISP**
- **Exposed Host (DMZ)**
- **MAC Address authentication**
- **URL Content Filtering**

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SPECIFICATIONS:

General

Supported Protocols	TCP/IP, PPPoE, DHCP (client & server), PPTP client for DSL connection, NTP (Network Time Protocol), RIPI
Firewall /Alert	NAT, Stateful Packet Inspection (SPI), DoS (Denial of Service), Attack Alert (Email) /Logging, Access Control
VPN Pass Through	PPTP, IPSec, L2TP
Network Interface	5 Ethernet: 4 * 10/100BaseT (RJ45) LAN connection 1 * 10/100BaseT (RJ45) for WAN
Management	Web-based management, Remote Management
Functions	Auto detects and configures ISP type, Exposed Host (DMZ), MAC Address authentication, URL Content Filtering
Applications	Dynamic DNS, UpnP, Virtual Server, Special Internet Applications, Multi-DMZ, Dial-on-Demand and Auto-Disconnect, Authentication with PAP and CHAP for PPPoE
Firmware Upgrade	HTTP, TFTP download or proprietary network protocol download
LED Indicators	12 LEDs (Power, Status, WAN, 4 x LAN Link/Act, 4 x LAN, WLAN)
Power Adapter	12 V, 800mA (DC External)
Throughput	WAN – LAN: 50 Mbps, WAN – WLAN: 17~20 Mbps, WLAN – LAN: 17 ~ 20 Mbps

Wireless Interface

Standards	IEEE802.11g WLAN, JEIDA 4.2, roaming support
Frequency	2.4 to 2.4835GHz (Industrial Scientific Medical Band)
Channels	Maximum 14 Channels, depending on regulatory authorities
Modulation	DSSS BPSK/QPSK/CCK, OFDM/CCK
Data Rate	Up to 54 Mbps
Coverage Area	Indoors : 15m @54Mbps, 120m @6Mbps or lower Outdoors : 40m @54Mbps, 300m @6Mbps or lower
WEP	64Bit, 128Bit
Transmit Power	13.5~16.5 dBm
Receiver Sensitivity	-80dBm Min.
Wireless Antenna	2 type, solder on board or a detachable antenna, using IWF242 type antenna

Environmental

Operating Temperature	0° C to 40° C
Storage Temperature	-10° C to 70° C

Regulatory

EMI/RFI	CE

Physical

Dimensions	141mm(W) * 100mm(D) * 27mm(H)